

CENTRAL INTELLIGENCE AGENCY

REPORT

## INFORMATION REPORT

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COUNTRY USSR

DATE DISTR. 1 MAY 52

SUBJECT

Application of polyethylene  
to metal surfaces

NO. OF PAGES 1

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NO. OF ENCLS. 1  
(LISTED BELOW)

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SUPPLEMENT TO  
REPORT NO.

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RE-REVIEW

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ELECTRONICS

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1. PROCESS

(a) After some initial difficulty, it was ascertained that the process lay in the fineness of the polythene grind. Two samples were shown - one a normal crystalline powder which apparently was produced by the GRIESHEIM factory; the other, which was designated Pyleen, producer unknown but may also be GRIESHEIM, was a very fine powder, allegedly to a specification of Din 100-200, i.e. 100ths or 200ths of a millimetre, particle size. This in suspension is applied in a thin layer to the metal and is then dried out and melted on, either in an oven or by infra-red lamps. process had been patented

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a "dispersion" of the fine powder was finally produced. Consistency was that of normal Gloy paste, slightly dried out, the secret lay in the emulsifier

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